

CLAIMS

1. Disassemblable rolling mill stand, of the type involving a bedplate structure with a substantially "U"-shaped embedding (1), within which a rolling mill assembly (2), with at least one couple of horizontal rolling cylinders (210-310), is embedded and fixed by fixing means (202-10/12) to
5 said bedplate (1),
wherein said substantially "U"-shaped embedding structure
- extends upwards with opposite vertical-guide uprights (11) to include the upper horizontal cylinder (210-310),
10 - realizes vertical sliding embedding guide means (11) with corresponding opposite vertical counter-guides (201) in said rolling mill assembly (2) which couple inside of said opposite vertical-guide uprights (11),
characterised in that
15 - said opposite vertical counter-guides (201) have external side retaining extensions (201-200 realised with sliding surfaces (200) substantially shaped like a "C" and opposite C", horizontally outwards opened (11-110-201).
2. Disassemblable rolling mill stand according to the preceding claims,
20 characterised in that said rolling mill assembly (2) is a universal rolling mill assembly with couple of horizontal cylinders (210), and couple of extractable vertical rolling mill side assemblies (22-220), laterally extractable and interchangeable by means of eight horizontal large screws, opposite four by four (202).
25 3. Rolling mill stand according to the preceding claim, characterised in that said eight horizontal large screws, opposite four by four (202), are identical to said fixing means, which guide and tighten not only said extractable vertical rolling mill side assemblies (22-220) on the centrally

arranged horizontal rolling mill assembly (21), but also the whole universal rolling mill assembly (2) between said guide uprights (11).

4. Disassemblable rolling mill stand according to claim 1., characterised in that said rolling mill assembly (2) includes a single couple of
5 horizontal rolling cylinders (3-310).

5. Disassemblable rolling mill stand according to the preceding claims, characterised in that said fixing means consist of eight rotatable large screws (10-12), of which:

- four opposite rotatable large screws (10), are upperly pivoted in couple,
10 to the corners of said guide uprights (11) of said bedplate (1) and,
- four opposite rotatable large screws (12), are pivoted in couple, on the base of said bedplate (1).

6. Disassemblable rolling mill stand according to the preceding claims, characterised in that said rolling mill assembly (2) contains two couples
15 of screw-stay-rods (212) operating on respective gaskets for the holding of horizontal rolling cylinders (210).